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| CAS | AA | 6,403,815 | 06/11/02 | Grey | 549 | 532 | 11/29/01 |
| | AB | 6,194,591 | 02/27/01 | Grey et al. | 549 | 533 | 04/27/00 |
| | AC | 6,156,245 | 12/05/00 | Takebayashi et al. | 264 | 4.7 | 02/26/99 |
| | AD | 6,037,487 | 03/14/00 | Habeck et al. | 558 | 449 | 03/12/99 |
| CAS | AE | 4,410,501 | 10/18/83 | Taramasso et al. | 423 | 326 | 06/29/82 |
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| CAJ | AP | P. Kumar et al. | | ommun. (2003) 449. | | | |
| | AQ | | | nem. Int. Ed. 40 (2001) 3469. | | | |
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| CAJ | AP | S. Kobayashi et | al., <u>J. Am. (</u> | Chem. Soc. <u>120</u> (1998) 2985 | | | | |
| 1 | AQ | K. Edler et al., <u>J.</u> | Chem. So | c., Chem. Commun. (1995) 1 | 55. | | | |
| CAJ | AR | M. Donbrow, "Mi | crocapsule | s and Nanoparticles in Medic | ine and Pharma | <u>су.</u> " Ed., pp 1-14. | No date. | |
| Examiner | <u> </u> | ~~~ | | Date Considered | 26/05 | | | |
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| Patent and Trademark Office | | | Attorney Docket: 01-26 | 30A | | Examiner: U | nknown | |
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| LAT | AP, | G. Beestman, ' Scher, Ed., pp | 'Microencap: 31-54. | sulation of Solid Particles," in | Controlled-Relea | ase Delivery Syst | ems for Pesticides | <u>s</u> (1999), H. |
| { | AQ | M. Iso et al. Za | iro Gijutsu 3 | (1985) 29. | | | | |
| CAJ | AR_ | M. Yoshida et a | al., <u>J. Appl. P</u> | Polym. Sci. 89 (2003) 1966. | | | · | |
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| CAT | AP | | | un. (2002) 1132 and 11 | | | | |
| CAS | AQ | J. Yu et al., <u>Ch</u> | | | | | | |
| CAS | AR | H. Kage et al., | Adv. Powder | Technol. 13 (2002) 26 | | | | |
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| CAS | AP | Y. Hu et al., Chem | n, Commu | <u>n</u> . (2002) 788. | | | | |
| 1 | AQ | W. Chen et al., Te | etrahedror | <u>1 58</u> (2002) 3889. | | | | |
| CAJ | AR | D. Bergbreiter et a | al., Org. Le | etters 2 (2000) 393. | | · · · · · · · · · · · · · · · · · · · | | |
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| CAS | AP | | | Degrad. Stab. 67 (2000) 461 | | | | |
| | AQ | | | <u>ımun</u> . (2000) 839. | - | | | |
| CAJ | AR | L. Balducci et a | I., <u>Angew. C</u> | hem. Int. Ed., 42 (2003) 493 | 7. | | | |
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| CAT | AP | T. Tatsumi et al | ., <u>J. Chem. S</u> | Soc., Chem. Commun. (1992 | ?) 1446. | | | |
| | AQ | C. Perego et al. | , Appl. Cata | al. A. <u>221</u> (2001) 63. | (| | | |
| CAJ | AR | P. Ingallina et a | I., <u>Sci. Tech</u> | n. Catal. (1994) 31. | 1 | | | |
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